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Deputy Head (Programmes)
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Bachelor of Computing  
Information Systems

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
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<tr>
<td>S1</td>
<td>S2</td>
<td>S1</td>
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<tr>
<td>CS1010J</td>
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<tr>
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TOTAL GRADUATION REQUIREMENTS = 160 MCs

A-level intake – able to take CS1231 in Year 1 S1.
Bachelor of Computing

Information Systems

Financial Technology Specialisation
Aims to equip students with good understanding of disruptive use of IT in financial sector

**Compulsory**
- IS4228 Information Technologies in Financial Services
- IS4302 Blockchain and Distributed Ledger Technologies
- IS4303 IT-Mediated Financial Solutions and Platforms

**FinTech Electives** *(Select any 3)*
- IS3221 Enterprise Resource Planning Systems
- IS4231 Information Security Management
- IS4233 Legal Aspects of Information Technology
- IS4234 Quality Control and Audit of IS
- IS4301 Agile IT with DevOps
Digital Innovation Specialisation
Aims to equip students to become visionaries and change leaders who will lead tech transformations of businesses

**Compulsory**
- IS3240 Economics of e-Business
- IS3251 Principles of Technology Entrepreneurship
- IS4261 Designing IT-Enabled Business Innovations

**Digital Innovation Electives (Select any 3)**
- IS3150 Digital Media Marketing
- IS3261 Mobile Apps Development for Enterprise
- IS4204 IT Governance
- IS4233 Legal Aspects of Information Technology
- IS4243 Information Systems Consulting
E-Commerce
Aims to equip students with the technical and business knowledge in E-Commerce

**Compulsory**
- IS3150 Digital Media Marketing
- IS4151 Pervasive Technology Solutions and Development
- IS4261 Designing IT-Enabled Business Innovations

**E-commerce Electives (Select any 3)**
- IS3261 Mobile Apps Development for Enterprise
- IS4228 Information Technologies in Financial Services
- IS4231 Information Security Management
- IS4240 Business Intelligence Systems
- IS4243 Information Systems Consulting
# Bachelor of Science

## Business Analytics

<table>
<thead>
<tr>
<th>Year 1</th>
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<th>Year 3</th>
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<td>UE1</td>
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<td>EC1301</td>
<td>UE2</td>
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<tr>
<td>MI1521 or MA1102R</td>
<td>IS2101</td>
<td>IS1103</td>
<td>UE3</td>
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<tr>
<td>MKT1003X</td>
<td>ST2334</td>
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<td>20 MCs</td>
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</table>

**TOTAL GRADUATION REQUIREMENTS** = 160 MCs

For reference only

ULR = University Level Requirements  
PE = Programme Electives  
UE = Unrestricted Electives
Co-Operative Education Programme

- Integrates academic studies with relevant work experience
- Students complete multiple industrial attachment stints alternating with regular academic semesters over their 4-year candidature at NUS.
- Students can expect to work at an attached company for three internships (about 64 weeks or around 16 months).

Benefits of the programme
- Have a solid hands-on industry experience even before students graduate,
- Apply the knowledge students learnt in classes immediately,
- Gain deep knowledge on how a company operates in the domain of study,
- Establish an early and enduring relation with an attached company,
- Get a head start for future career, and
- Graduate in four years with careful planning.
# Business Analytics

## Co-Operative Education Programme (A-level intake)

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sem 1 (early-Aug–mid-Dec)</td>
<td>Special term (mid-may – end-July)</td>
<td>Sem 1</td>
<td>Special term</td>
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<tr>
<td>NUS</td>
<td>1st internship (~ 12 weeks)</td>
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<td>2nd internship (~ 24 weeks)</td>
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NUS Year 1

NUS Year 2

NUS Year 3

NUS Year 4
Co-Operative Education Programme (Poly intake)

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<td>Special term</td>
<td>Exemption</td>
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<td>Special term</td>
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<td>NUS</td>
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<tr>
<td>1st internship (~12 weeks)</td>
<td>2nd internship (~24 weeks)</td>
<td>Special term</td>
<td>Special term</td>
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<td>3rd internship (~28 weeks)</td>
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<td>NUS</td>
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</tbody>
</table>

1. The poly-intake students (with no more than 20MCs exemption) need to complete about 148MCs to graduate.
2. Poly-intake with 28MCs exemption (20MCs + 2 other core modules) need to complete about 140MCs to graduate.

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# Co-Operative Education Programme

(A-level intake)

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<thead>
<tr>
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<th>Year 3</th>
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<tbody>
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<td>Sem 2</td>
<td>Special</td>
<td>Sem 1</td>
<td>Sem 2</td>
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<td>Sem 1</td>
<td>Sem 2</td>
<td>Special</td>
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<tr>
<td>MA1311 Matrix Algebra and Applications or MA1101R Linear Algebra</td>
<td>ST2334 Probability and Statistics</td>
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<td>ST3131 Regression Analysis</td>
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<td>BT3102 Computational Methods for Business Analytics</td>
<td>PE3</td>
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<tr>
<td>MA1521 Calculus for Computing or MA1102R Calculus</td>
<td>BT2102 Data Management and Visualisation</td>
<td>BT2010 Business Analytics Immersion Programme</td>
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<td>BT3103 Application Systems Development for Business Analytics</td>
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<td>IS3103 Information Systems Leadership and Communication</td>
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<tr>
<td>BT1101 Introduction to Business Analytics</td>
<td>BT2101 Decision Making Methods and Tools</td>
<td>BT2101 Business Analytics</td>
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<td>EC1301 Principles of Economics</td>
<td>BT4010 Business Analytics Internship Programme</td>
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<td>PE1</td>
<td>UE1 (2 MCs)</td>
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<td>IS2101 Business and Technical Communication</td>
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<td>CS1020 Data Structures and Algorithms I</td>
<td>CS2010 Data Structures and Algorithms II</td>
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</tr>
</tbody>
</table>

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Co-Operative Education Programme (Poly intake)

• Sign-up by July 31st. Check your email account. Contact undergraduate office.
• Additional workshops relating to resume writing and interviews scheduled in Semester 2 Week 0 (January)
Industry Internship Programme (IIP)

- 12-MC, 24-week compulsory internship requirement (IIP, ATAP, NOC, iLEAD)
  - After 8oMCs and some core module prerequisites
- Pair Internship Programme started in 2015
  - January-June or May-October
  - For both IS and BA students as IS4010
  - *Letter graded* instead of Satisfactory/Unsatisfactory
  - Co-defined learning objectives with both your supervisors
  - Highly structured project; meaningful and challenging tasks to improve your employability
- Computing Foundations
  - Capacity to learn
- Collaborative and Interpersonal Communication Skills
  - Identify suitable IIP partner
  - Internship interview and during internship
- Make good use of CFG resources
- IIP briefing session every semester (August and February)
Pointers to take note

• Check your NUS and Comp emails regularly.
• Find your team mate(s)
• Watch out your CAP
  • To graduate, you need a minimum CAP of 2.00.
  • To continue in an undergraduate programme of study, a student may not have CAP below 2.00 for two consecutive semesters.
    • For any semester in which the student's CAP falls below 2.00, s/he will be placed on probation.
    • If the student's CAP remains below 2.00 for the second consecutive semester, the student will be issued a letter of dismissal by the Registrar and denied re-admission.

<table>
<thead>
<tr>
<th>Honours Degree Classification</th>
<th>Criteria</th>
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<tbody>
<tr>
<td>Honours (Highest Distinction)</td>
<td>CAP 4.50 and above</td>
</tr>
<tr>
<td>Honours (Distinction)</td>
<td>CAP 4.00 – 4.49</td>
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<tr>
<td>Honours (Merit)</td>
<td>CAP 3.50 – 3.99</td>
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<td>Honours</td>
<td>CAP 3.00 – 3.49</td>
</tr>
<tr>
<td>Pass</td>
<td>CAP 2.00 – 2.99</td>
</tr>
</tbody>
</table>
Pointers to take note

S/U Option

- S/U option: obtain either a Satisfactory (S) or an Unsatisfactory (U) record for the module
  - Not included in the calculation of your performance
  - 3-day window to decide on S/U after release of exam results
  - Irrevocable!

Notes: You must score a minimum “C” grade to get “S”. Otherwise your transcript will show “U” (Unsatisfactory) for the module.
- “U” also means that the module cannot be counted as satisfying a pre-requisite.
Specialisation for IS students (optional)

IS students may opt to specialise in one of the 3 specialisations below:

- Digital Innovation Specialisation;
- Electronic Commerce Specialisation; or
- Financial Technology Specialisation

- UG Office will email students during the regular semester 1 and 2 in each AY for you to declare the specialisation online.

- Students who fail to meet the requirements for the specialisation should contact UG office to drop the specialisation before they file for graduation in their final semester.
Pointers to take note

Follow the DISA fb fan page

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